

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.-16. (Cancelled).

17. (Currently amended) A method of modulating a ~~DWF4~~CYP90B polypeptide comprising:

(a) providing a ~~host~~plant cell, wherein said ~~host~~plant cell comprises a recombinant vector, said recombinant vector comprising:

(i) an isolated polynucleotide, wherein said isolated polynucleotide comprises a sequence having at least ~~85%~~95% identity to a complement of the coding sequence of SEQ ID

NO:1 ~~and/or of a segment segments thereof of said coding sequence~~; and

(ii) a control element operably linked to said isolated polynucleotide, whereby said isolated polynucleotide can be transcribed; and

(b) culturing said ~~host~~plant cell under conditions whereby said isolated polynucleotide is transcribed, whereby expression of said ~~DWF4~~CYP90B polypeptide is inhibited.

18.-35. (Cancelled).

36. (Currently Amended) A method for producing a transgenic plant having an altered phenotype relative to a corresponding wild-type plant comprising:

introducing an isolated polynucleotide into a plant cell, wherein said isolated polynucleotide comprises a sequence having at least ~~85%~~95% identity to a complement of the coding sequence of SEQ ID NO:1 ~~and/or of a segment segments thereof of said coding sequence~~; and

producing a transgenic plant from said plant cell, said transgenic plant having ~~an~~said altered phenotype relative to ~~the~~said wild-type plant, wherein ~~the~~said isolated polynucleotide inhibits expression of ~~said DWF4a CYP90B~~ polypeptide;

wherein said altered phenotype is selected from the group consisting of reduced cell length, reduced hypocotyl length, reduced height at maturity, and darker green leaves.

37.-57. (Cancelled).

58. (Currently amended) The method of claim 17, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 100 nucleotides long.

59. (Currently amended) The method of claim 58, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 200 nucleotides long.

60. (Currently amended) The method of claim 59, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 500 nucleotides long.

61. (Currently amended) The method of claim 17, wherein said isolated polynucleotide comprises a sequence having at least ~~90%~~98% identity ~~to a complement of SEQ ID:1.~~

62.-63. (Cancelled)

64. (Currently amended) The method of claim 36, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 100 nucleotides long.

65. (Currently amended) The method of claim 64, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 200 nucleotides long.

66. (Currently amended) The method of claim 65, wherein said sequence ~~having at least 85% sequence identity to a complement of SEQ ID NO:1~~ is at least 500 nucleotides long.

67. (Currently amended) The method of claim 36, wherein said isolated polynucleotide comprises a sequence having at least ~~90%~~98% identity ~~to a complement of SEQ ID:1~~.

68. (Currently amended) The method of claim 67, wherein said isolated polynucleotide comprises a sequence having ~~at least 95%~~100% identity ~~to a complement of SEQ ID:1~~.

69.-75. (Cancelled)

76. (Previously presented) The method of claim 17, wherein said control element is a tissue-specific promoter.

77. (Previously presented) The method of claim 17, wherein said control element directs expression in ~~the~~ vegetative tissue of a plant.

78. (Currently amended) The method of claim ~~65~~77, wherein said vegetative tissue is root tissue.

79. (Currently amended) The method of claim ~~65~~77, wherein said vegetative tissue is [[a]] shoot tissue.

80. (Currently amended) The method of claim ~~65~~77, wherein said vegetative tissue is leaf tissue.

81. (New) The method of claim 61, wherein said isolated polynucleotide comprises a sequence having 100% identity.

82. (New) The method of claim 36, wherein said altered phenotype is reduced cell length.

83. (New) The method of claim 36, wherein said altered phenotype is reduced hypocotyl length.

84. (New) The method of claim 36, wherein said altered phenotype is reduced height at maturity.

85. (New) The method of claim 36, wherein said altered phenotype is darker green leaves.